

#3

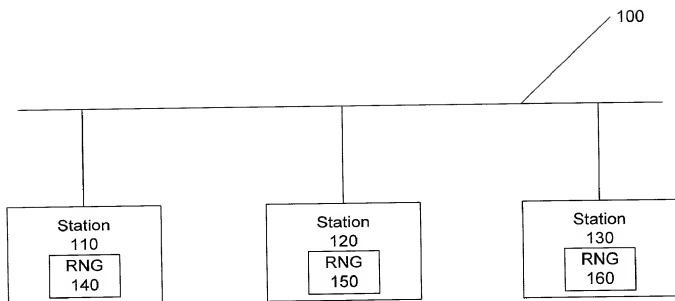


Figure 1

106020-90091850

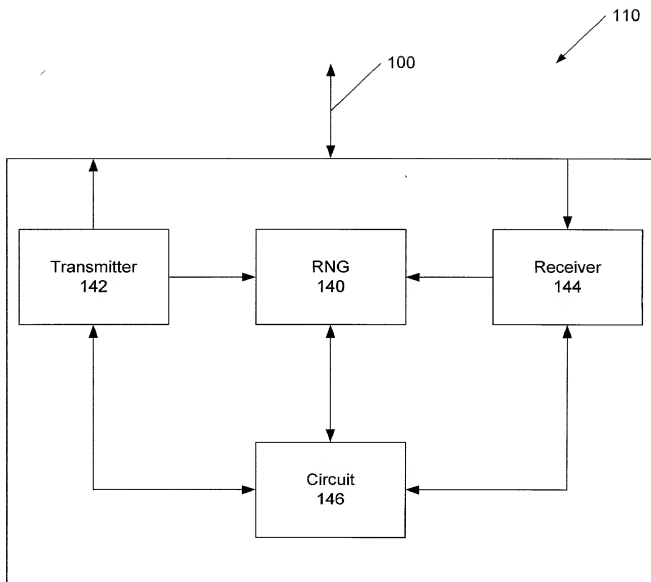


Figure 2A

09616006-070901
106020-90091950

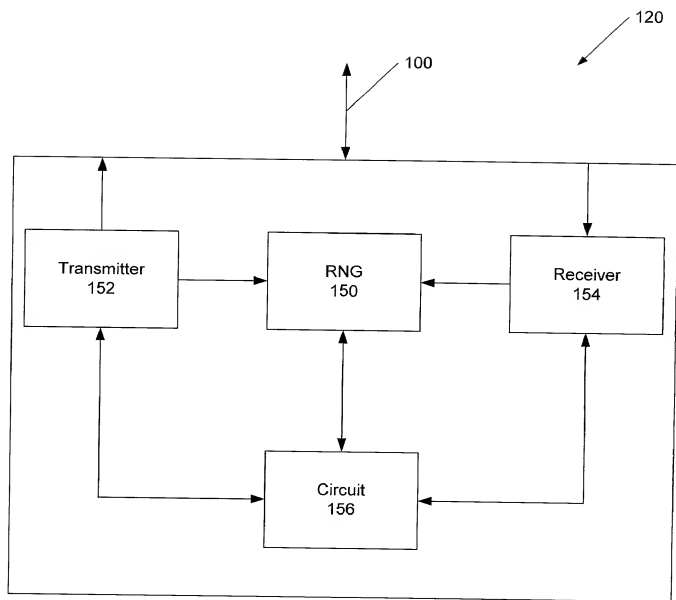


Figure 2B

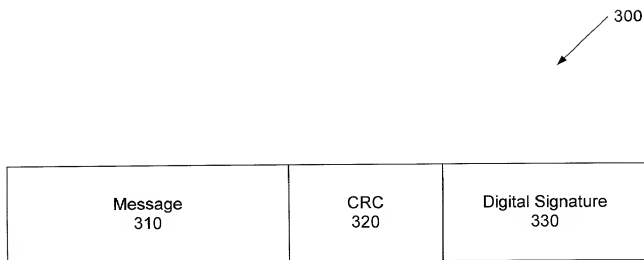


Figure 3

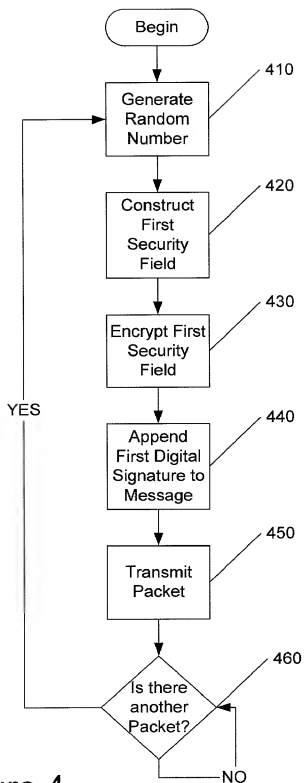


Figure 4

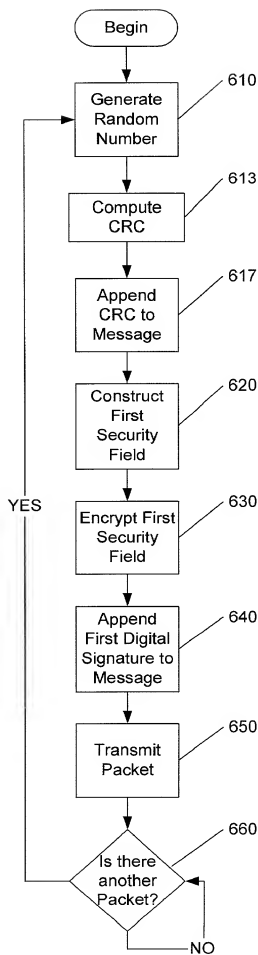
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graph TD
    Begin([Begin]) --> 510[Receive Packet]
    510 --> 520[Generate Second Random Number]
    520 --> 530[Generate Second Security Field]
    530 --> 540[Compare Second Security Field and First Digital Signature]
    540 --> 550{Has another Packet Been Received?}
    550 -- YES --> 520
    550 -- NO --> End([End])

```

Figure 5

Figure 6



```
graph TD
    Begin([Begin]) --> 710[Receive Packet]
    710 --> 720[Generate Second Random Number]
    720 --> 723[Compute CRC]
    723 --> 727{Is Message Valid?}
    727 -- NO --> 770[Reject Packet]
    727 -- YES --> 730[Generate Second Security Field]
    730 --> 740[Compare Second Security Field and First Digital Signature]
    740 --> 750{Is the First Digital Signature Verified?}
    750 -- YES --> 780{Has another Packet Been Received?}
    750 -- NO --> 770
    780 -- YES --> 720
    780 -- NO --> 770
```

The flowchart illustrates the process of receiving and verifying a packet. It begins with a 'Begin' terminal, leading to step 710 'Receive Packet'. This is followed by step 720 'Generate Second Random Number', then step 723 'Compute CRC'. A decision diamond 727 'Is Message Valid?' follows. If the answer is 'NO', the process moves to step 770 'Reject Packet'. If 'YES', it proceeds to step 730 'Generate Second Security Field', then step 740 'Compare Second Security Field and First Digital Signature'. Another decision diamond 750 'Is the First Digital Signature Verified?' follows. If 'YES', the process moves to decision diamond 780 'Has another Packet Been Received?'. If 'NO', it moves to step 770. If 'YES', it loops back to step 720. If decision diamond 780 is 'NO', it also moves to step 770. From step 770, the process loops back to decision diamond 727.

Figure 7